



CALVERT COUNTY  
DEPARTMENT OF PUBLIC WORKS

150 Main Street  
Prince Frederick, Maryland 20678  
410-535-1600 • 301-855-1243

FINAL EROSION AND SEDIMENT CONTROL AND STORMWATER  
MANAGEMENT PLAN CHECKLIST FOR RESIDENTIAL PROJECTS.

The Final Erosion and Sediment Control and Stormwater Management Plan shall be submitted to and approved by the Calvert County Department of Public Works following approval of the Site Development Plan.

PROJECT NAME:\_\_\_\_\_DATE:\_\_\_\_\_

TRACKING NUMBER:\_\_\_\_\_

ADDRESS:\_\_\_\_\_

TAX MAP:\_\_\_\_\_PARCEL:\_\_\_\_\_

APPLICANT’S CORPORATION:\_\_\_\_\_

APPLICANT’S NAME:\_\_\_\_\_

ADDRESS:\_\_\_\_\_

PHONE:\_\_\_\_\_EMAIL:\_\_\_\_\_

CONSULTANT’S CORPORATION:\_\_\_\_\_

CONSULTANT’S NAME:\_\_\_\_\_

ADDRESS:\_\_\_\_\_

PHONE:\_\_\_\_\_EMAIL:\_\_\_\_\_

RESOURCES:

- [Maryland Environmental Resource and Land Information Network \[MERLIN\]](#)
- [Natural Resources Conservation Service \(NRCS\) \[WebSoil Survey\]](#)
- [Calvert County Geographic Information Page \(GIS\)](#)
- [Calvert County Stormwater Management Ordinance](#)
- [Calvert County Road and Site Development Ordinance](#)
- [Calvert County Standards for Roads, Streets and Incidental Structures](#)
- [FEMA Flood Map Service Center](#)

REVIEW CRITERIA:

**Plans:** A grading permit plan (signed and sealed) shall be on a 18” x 24” sheet with a maximum scale of 1” = 50’ and shall contain all required information by the Department of Public Works (DPW). The information ordinarily, at a minimum shall include the following:

Item #	Checklist	Reference	Engineer ( ) or N/A	CCDPW
1.	Residential or Commercial Project. If Commercial, Project Engineer I to contact Division Chief and project to be re-assigned to Project Engineer II.			<input type="checkbox"/> Residential <input type="checkbox"/> Commercial
2.	Limits of Disturbance (LOD) less than or equal to 5,000 sf Soil cut and fill less than 100 cy	<a href="#">CCSWMO §123-6.C</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
3.	Board of Appeals Conditions met. Letter submitted providing detailed explanation of requirements (if applicable).		<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
4.	Design prepared by either a professional engineer, professional land surveyor, landscape architect licensed in the State of Maryland or a qualified professional.	<a href="#">CCSWMO §123-15.A</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
5.	Concept Stormwater Management Plan Approved and Reference Number	<a href="#">CCSWMO §123-14.B</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
6.	Site Development Plan approved and Reference Number	<a href="#">CCSWMO §123-14.C</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
7.	Final Erosion and Sediment Control and Stormwater Management Plan Reference Number	<a href="#">CCSWMO §123-14.D</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
8.	<a href="#">Notice of Construction Completion Form (NOCC)</a>	<a href="#">COMAR 26.17.02.10G</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
9.	Legend and symbols.  Ensure all SCD symbols match the 2011 Maryland Standard and Specifications for Soil Erosion and Sediment Control	<a href="#">2011 SCDM Pg. SS1-SS5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied

10.	<p><b><u>Provide a Standard Stabilization Note:</u></b> “Following initial soil disturbance or re-disturbance, permanent or temporary stabilization must be completed within:</p> <p>Three (3) calendar days as to the surface of all perimeter dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and</p> <p>Seven (7) calendar days as to all other disturbed or graded areas on the project site not under active grading.</p>	CCGESCO §38-12.P	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
11.	<p><b><u>Provide the three (3) standard notes on the plans:</u></b></p> <p>1. Owners shall maintain inspection records for the On-Site Facility and supply them to the Department every three (3) years or upon request to ensure that said On-Site Facility is and remains in proper working condition in accordance with the approved site development plan, approved design standards and applicable laws, rules and regulations.</p> <p>2. Owners are hereby prohibited from altering the On-Site Facility without prior approval from the Department.</p> <p>3. Owners shall provide access to the On-Site Facility at all reasonable times for inspection by the County or its agents or contractors. The County or its agents or contractors shall notify the Owners thirty (30) days prior to an inspection.</p>		<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
12.	<p><b><u>Owner/Developer Certification:</u></b></p> <p>“Any clearing, grading, construction or development, or all of these, will be done pursuant to this plan and that all responsible personnel involved in the construction of this project will have a certificate of training at a Maryland Department of the Environment approved training program before beginning the project. The owner/developer shall allow right of entry for periodic on-site evaluations by the District, permit issuing agency, inspection agency and/or Maryland Department of the Environment (MDE).”</p> <p>“All stormwater management will be done according to this plan.”</p> <p>Sign &amp; Date.</p>	CCGESCO §38-12.P  <a href="#">CCSWMO §123-14.E.(15)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
13.	<p><b><u>Consultant Certification:</u></b></p> <p>“I hereby certify that the plans have been designed in accordance with the approved erosion and sediment control ordinances, regulations, standards, and criteria, and the Stormwater Management Plan represents all significant natural resources based on my personal knowledge of the site, and that this plan was prepared in accordance with the requirements of the review agencies. I have reviewed this Plan with the Owner/Developer.”</p> <p>I hereby certify that these documents were prepared by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. [ x ], Expiration Date [ x ]. Seal, Sign and Date.</p>	CCGESCO §38-13.A	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
14.	<p><b><u>ADA Certification</u></b></p> <p>“I hereby certify that the proposed sidewalks, ramps and curbs shown hereon have been designed in accordance with the Department of Justice ADA Standards for Accessible Design Manual. Seal, Sign and Date.”</p>	<a href="#">2010 ADA STANDARDS</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
15.	<p><b><u>SIGHT DISTANCE CERTIFICATION</u></b></p> <p>“I hereby certify that the sight distance of the proposed entrance locations meets or exceed the requirements of the Calvert County Road and Subdivision Ordinance. [XX Road] posted speed: [XX MPH]. [XX Road] Design Speed: [XX MPH]. Seal, Sign and Date.”</p>	CCRSDO	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
16.	Provide a point by point response letter to any comments received as part of the review process.		<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
17.	Title the Cover Sheet “Final Erosion and Sediment Control and Stormwater Management Plan”	<a href="#">CCSWMO §123-14.C</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
18.	Stormwater Management Report title “Final Stormwater Management Report”	<a href="#">CCSWMO §123-14.D</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
19.	Provide a standard note on the plans referencing the “Flood Insurance Rate Map (FIRM), Flood Zone and Effective Date”.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
20.	Provide a vicinity map (1” = 2000’ or smaller scale) including major roads, property boundary, water ways, labels, north arrow, etc.	<a href="#">CCSWMO §123-14.E(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
21.	Existing topography (2-foot contours minimum). Topography should extend a minimum of 100-foot beyond the property lines. Calvert County GIS may be used to offset areas if offsite survey cannot be obtained.	<a href="#">CCSWMO §123-14.E(2)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
22.	Existing topography verified with Calvert County Road As-built, if applicable.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied

23.	Existing water bodies and streams.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
24.	Tidal and non-tidal wetlands including wetlands of special state concern. If disturbance is proposed within Tidal and/or non-tidal wetlands, proof of submission to MDE is required prior to issuance of permit.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
25.	Floodplains.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
26.	Critical Area Line and Buffers.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
27.	Forested Areas.	<a href="#">CCSWMO §123-14.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
28.	Steep Slopes (15% and greater).	<a href="#">CCSWMO §123-14.A(3)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
29.	Soil divides, soil types and hydrologic soil group.  <b><u>If one soil type encompasses an entire site, provide a note stating:</u></b> “The entire (site and/or limits of disturbance) is located in [Galestown-Woodstown (GwC) complex, 5 to 10 percent slopes. Galestown is classified as Hydrologic Soil Group A and Woodstown is classified as Hydrologic Soil Group C.”]	<a href="#">CCSWMO §123-14.A(1)</a>  <a href="#">CCSWMO §123-14.D(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
30.	Highly erodible soils.	<a href="#">CCSWMO §123-14.A(3)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
31.	All applicable buffers, inclusive of extended buffers for steep slopes and sensitive areas.	<a href="#">CCSWMO §123-14.A(3)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
32.	Any designated rare, threatened or endangered species habitat.	<a href="#">CCSWMO §123-14.A(3)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
33.	Provide proposed topography.  Provide ground elevation spot shots at the 4 corners of all structures depicting 6 inches of fall within the first 10 feet.  Provide spot shots showing the flow of water away from any walkouts or concrete pads adjacent to structures.  Provide spot shots every 25 feet if driveway exceeds 10% grade to ensure a maximum of 15% is not exceeded at any point.  Provide driveway culvert spot shots and spot shots at grade breaks.  Provide spot shots at grade breaks for RD-15C.	<a href="#">International Building Code Section 1804.4</a>  <a href="#">CCSWMO §123-14.E.2</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
34.	<b><u>Provide a note on the plans stating:</u></b> “The lot shall be graded to provide a minimum of 6 inches of fall within the first 10’ away from the structure.”	<a href="#">International Building Code Section 1804.4</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
35.	Floor elevations – All basement and first floor elevations shown. Garage elevations shown.  Elevation shown on the structures in the plan view.	<a href="#">CCSWMO §123-14.E.3</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
36.	Provide the property boundaries, with adjoining parcels information and zoning.	<a href="#">CCSWMO §123.14-A(1)</a>  <a href="#">CCSWMO §123.14-A(7)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
37.	Show and label proposed utilities.  Ensure Minimum Depth of Cover or Distance from Edge of Pavement.  Storm drains crossing water main and sanitary sewers shall be constructed with a minimum clearance of 12-inches (horizontal).  48-inches of clearance (horizontal) shall be maintained between storm drains and gas lines and between storm drains and electric lines.	<a href="#">CCRSDO §104-77.J</a>  <a href="#">CCRSDO §104-77.I (Table 8-1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
38.	Provide a site layout with existing and proposed impervious area locations, square footage, and/or acreage in tabular form. (ie. buildings, roadways, parking facilities, sidewalks and other site improvements.)	<a href="#">CCSWMO §123-14.B(3)</a>  <a href="#">CCSWMO §123-14.E(10)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
39.	<b><u>Retaining wall proposed exceeding 3-foot in height? provide a retaining wall design signed and sealed by a structural engineer.</u></b>  Provide designed fall protection to meet International Building Code.  Provide spot shots at the top and bottom of the retaining wall.	<a href="#">CCSWMO 123-66.A(1)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
40.	Provide the location of the proposed limits of disturbance.	<a href="#">CCSWMO §123-14.A(3)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied

41.	Provide a soils investigation report. (e.g. For non-commercial projects provide the NRCS Web Soil Survey with percolation tests to determine the depth to water table and infiltration feasibility). <u>Additional information may be required based on MDE Technical Memorandum No. 7.</u>	<a href="#">CCSWMO §123-14.D(1)</a> <a href="#">MDE Technical Memo #7</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
42.	Provide existing and proposed drainage area maps (ie. existing drainage area maps to each discharge point; proposed drainage are maps to each practice and each site discharge point).	<a href="#">CCSWMO §123-14.D(2)</a>  <a href="#">CCSWMO §123-14.B.3</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
43.	Provide the layout of stormwater management and storm drainage conveyance practices.	<a href="#">CCSWMO §123-14.D(4)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
44.	Provide the design, location, size and grading for all ESD practices.	<a href="#">CCSWMO §123-14.B.3</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
45.	Provide rooftop drainage areas [Not to exceed 500 sf per downspout].	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
46.	Provide a stormwater management landscaping plan. (e.g. For every 300 sf of Surface Area (Af), provide 1 tree, 3 shrubs and 4 grasses). Refer to the attached Landscaping Exhibit for the appropriate format.	<a href="#">MDE SWMDM Appendix A</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
47.	Provide the stormwater management summary table. Refer to the attached Stormwater Management Summary Table for the appropriate format. Individual stormwater management practices are to be shown separately and not combined.	<a href="#">CCSWMO §123-14.E(11)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
48.	Provide a stormwater management best management practice (BMP) summary table for each practice. [May not be combined]. Refer to the attached Stormwater Management BMP Summary Table for the appropriate format.	<a href="#">CCSWMO §123-14.E(11)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
49.	<p>Provide stormwater management details &amp; specifications.</p> <p>Provide details of each stormwater management facility.</p> <p>If utilizing Green Roofs, provide the specifications listed in Appendix B.4.A of the MDE SWMDM.</p> <p>If utilizing Permeable Pavement or Reinforced Turf, provide the specifications listed in Appendix B.4.B of the MDE SWMDM.</p> <p>If utilizing Micro-Bioretenction, Rain Gardens, Landscape Infiltration or Infiltration Berms, provide the specifications listed in Appendix B.4.C of the MDE SWMDM.</p> <p>Also, provide Table B.4.1 Materials Specifications for Micro-Bioretenction, Rain Gardens &amp; Landscape Infiltration.</p> <p>Modify Table B.4.1 to remove [minimum of 3” of gravel over pipes; not necessary underneath pipes.] and replace with [a minimum of 3” of gravel over and below pipes].</p>	<a href="#">CCSWMO 123.14.E(7)</a>  <a href="#">SWMDM Appendix B.4</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
50.	<p><b>If utilizing Drywells:</b></p> <ul style="list-style-type: none"><li>➤ Provide detail for the drywell.</li><li>➤ Ensure a roof leader to a drywell carries a maximum of 500 sf if utilizing a drywell in conjunction with a rooftop disconnect credit.</li><li>➤ If utilizing strictly drywells to address the maximum Pe value, a 4-inch SCH 40 PVC may be combined and outlet as one leader into a drywell.</li><li>➤ The drainage area to drywell may not exceed 1,000 sf.</li><li>➤ Shall not be installed in fill soils.</li><li>➤ Shall be located down gradient of building structures.</li><li>➤ Shall be located down gradient of building structures and shall be setback at least 10 feet from buildings.</li></ul>	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
51.	Provide Construction Notes for each SWM Facility utilized.	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
52.	Provide Inspection Notes for each SWM Facility utilized.	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
53.	Provide Maintenance Notes for each SWM Facility utilized.	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
54.	Provide written request and justification for use of structural practice, if applicable.	<a href="#">MDE SWMDM §5</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
55.	<p>Provide a narrative <u>[on the plans]</u> to support the site development design and demonstrate that ESD will be achieved to the MEP including an evaluation of ESD implementation, specifically addressing the following:</p> <ul style="list-style-type: none"><li>➤ Natural resources protection, enhancement and preservation;</li><li>➤ Maintenance of natural flow patterns;</li><li>➤ Reduction of impervious areas through better site design, alternative surfaces, and nonstructural practices;</li><li>➤ Implementation of ESD planning techniques and practices to the MEP;</li></ul>	<a href="#">CCSWMO §123-14.D(5)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied

56.	Provide proposed hydrologic and hydraulic analysis including, but not limited to, drainage & runoff calculations; area, size, quantity, velocity, slope, flow depth, hydraulic gradient and discharge calculations.	<a href="#">CCSWMO §123-14.D(3)(4)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
57.	Provide storm drain and/or culvert profiles. (if applicable) Existing and Proposed profiles.	<a href="#">CCSWMO §123-14.D</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
58.	Show and label the limits of disturbance on the plan view.  <b><u>If the Limits of Disturbance exceeds one (1) acre a Notice of Intent (NOI) is required, make the following comment:</u></b> Limit of disturbance is sufficient enough in size to require a Notice of Intent (NOI) Permit to be issued from the Maryland Department of the Environment (MDE). Please note that any work performed on the subject property without this permit may result in fines and penalties from the State.	<a href="#">CCSWMO §123-14.A(3)</a>  <a href="#">MDE e-Permits</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
59.	Provide a sequence of construction (Should be part of the E&S plan but incorporate any SWM practices).	<a href="#">CCSWMO §123-14.E(9)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
60.	Provide proposed easements and rights-of-ways. <ul style="list-style-type: none"><li>➤ Ensure easement are clearly shown and labeled.</li><li>➤ Easements are required for disturbance proposed off the homeowner’s site.</li><li>➤ Minimum 20’ Stormdrain easements required for existing and proposed infrastructure if conveying pubic drainage. Provide an easement and label as “20’ Public Stormdrain Easement.”.</li></ul>	<a href="#">CCSWMO §123-14.E(5)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
61.	Review and Inspection (R&I) form must be submitted for review and approval to this department for the installation and inspection of the Stormwater Management devices. [Minimum fee of \$200.00.]	<a href="#">CCSWMO §123-17.A</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
62.	A Declaration of Restrictive Covenants and Grant of Easement (DoRC) form shall be submitted at your earliest convenience along with a copy of the latest deed for review by the County Attorney for legal sufficiency. This form must be approved and recorded before this department can grant final Site Plan approval.	<a href="#">DoRC FORM</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
63.	Declaration of Restrictive Covenants and Grant of Easement (DoRC) provided with recordation plat.		<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
64.	A Utility Permit will be required through the Project Management Division for the utility work within the County ROW. A Utility Bond shall be posted at 125% of the installation cost prior to issuance of a permit. [Minimum Bond \$10,000.00] The utility permit submission is required prior to permit approval.	<a href="#">Click here for online portal</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
65.	Provide the following DPW Approval Statement on the cover sheet of all plans: “DPW approval signifies a finding of compliance to the Calvert County Road and Stormwater Management Ordinances. Regardless of such approval, the design professional, developer, and contractor remain solely responsible for the design and for correcting any and all errors, problems, and code violations prior to any acceptance of a facility or structure by the County. The approval of DPW is not a waiver or release for defects or deviation in design or construction.”	<a href="#">CCSWMO §123-14.E(17)</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
66.	Reviewer ensure the following items are reviewed and checked within the County Permit Processing System: (1) State Highway Entrance Permit REQUIRED? (2) Base Road Approval REQUIRED before Permit Issuance. (3) Base Road Approval REQUIRED Before U&O (4) State Highway Entrance Permit Issued (5) Base Road APPROVED (6) Stormwater Management Exemption (if applicable) Update the county Permitting System with the information.		<input type="checkbox"/> 1-Completed <input type="checkbox"/> 2-Completed <input type="checkbox"/> 3-Completed <input type="checkbox"/> 4-Completed <input type="checkbox"/> 5-Completed <input type="checkbox"/> 6-Completed <input type="checkbox"/> N/A	1. <input type="checkbox"/> 2. <input type="checkbox"/> 3. <input type="checkbox"/> 4. <input type="checkbox"/> 5. <input type="checkbox"/> 6. <input type="checkbox"/>
67.	Driveway entrance bond is required for all new entrances. Minimum \$600.00 for new connections and/or relocated connections.	<a href="#">CCRSDO §104-68</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied
68.	Provide entrance detail(s) from the Calvert County Construction Standards for Roads, Streets and Incidental Structures on the plans and label in the plan view the appropriate standard.	<a href="#">Calvert County Construction Standards</a>	<input type="checkbox"/> Completed <input type="checkbox"/> N/A	<input type="checkbox"/> Satisfied <input type="checkbox"/> Not Satisfied

\*Note: The requirements contained hereon are in accordance with the Stormwater Management Act of 2007 and are applicable to Stormwater Management only. Compliance with these requirements does not excuse the applicant from meeting any and all other requirements and standards from this department or any other local or state agency or review authority.



STORMWATER MANAGEMENT SUMMARY TABLE FORMAT

STORMWATER MANAGEMENT SUMMARY TABLE												
SITE AREA (LOD)	EXISTING IMPERVIOUS	PROPOSED IMPERVIOUS	EXISTING % IMPERVIOUS	PROPOSED % IMPERVIOUS	Rv	Qe	TARGET Pe	TARGET ESDv REQ.	WQv REQ	TARGET CPv RCN	TOTAL ESDv PROVIDED	TOTAL As-Built ESDv PROVIDED
0.00 ac	0.00 ac.	0.00 ac.	100.00 %	100.00 %	0.95	0.95	1.00			38		
0.00 sf	0.00 sf	0.00 sf						0.00 cf	0.00 cf		10,000.00 sf	

STORMWATER MANAGEMENT BMP SUMMARY TABLE FORMAT

= INPUT CELL

STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICE (BMP) SUMMARY TABLE														
MDE INFORMATION					DESIGN									AS-BUILT
BMP NAME	BMP CLASS	BMP TYPE	DESCRIPTION	MANUAL	DRAINAGE AREA (sf)	IMPERVIOUS AREA (sf)	SURFACE AREA (sf)	Ponding Depth (ft)	Media Depth (ft)	Pe CREDIT	Rv	ESDv (CF)	MAX ESDV (CF)	AS-BUILT ESDv (CF)
TOTAL ESD MANAGED:					0.00 sf	0.00 sf						0.00 cf	0.00 cf	
ALTERNATIVE SURFACES (A)														
A-1	E	AGRE	Green Roof - Extensive	A-1	0.00 sf	0.00 sf	0.00 sf	0.0	0.0	0.00	0.95	0.00 cf	0.00 cf	
A-1	E	AGRI	Green Roof - Intensive		0.00 sf	0.00 sf	0.00 sf	0.0	0.0	0.00	0.95	0.00 cf	0.00 cf	
A-2	E	APRP	Permeable Pavements	A-2	0.00 sf	0.00 sf	0.00 sf	0.0	0.0	0.00	0.95	0.00 cf	0.00 cf	
A-3	E	ARTF	Reinforced Turf	A-3	0.00 sf	0.00 sf	0.00 sf	0.0	0.0	0.00	0.95	0.00 cf	0.00 cf	
NONSTRUCTURAL TECHNIQUES (N)														
N-1	E	NDRR	Disconnection of Rooftop Runoff	N-1										
N-2	E	NDNR	Disconnection of Non-Rooftop Runoff	N-2										
N-3	E	NSCA	Sheetflow to Conservation Areas	N-3										
MICRO-SCALE PRACTICES (M)														
M-1	E	MRWH	Rainwater Harvesting	M-1										
M-2	E	MSGW	Submerged Gravel Wetlands	M-2										
M-3	E	MILS	Landscape Infiltration	M-3										
M-4	E	MIBR	Infiltration Berms	M-4										
M-5	E	MIDW	Dry Wells	M-5										
M-6	E	MIMBR	Micro-Bioretentation	M-6										
M-7	E	MRNG	Rain Gardens	M-7										
M-8	E	MSWG	Grass Swale	M-8										
M-9	E	MSWW	Wet Swale	M-9										
M-10	E	MSWB	Bio-Swale	M-10										
M-11	E	MENF	Enhanced Filters	M-11										
TOTAL STRUCTURAL BMPs MANAGED:														
PONDS (P)														
P-1	S	PMED	Micropool Extended Detention Pond	P-1										
P-2	S	PWET	Retention Pond (Wet Pond)	P-2										
P-3	S	PWED	Extended Detention Structure, Wet	P-3										
P-4	S	PMPS	Multiple Pond System	P-4										
P-5	S	PPKT	Pocket Pond	P-5										
Wetlands (W)														
W-1	S	WSHW	Shallow Marsh	W-1										
W-2	S	WEDW	ED - Wetland	W-2										
W-3	S	WPWS	Wet Pond - Wetland	W-3										
W-4	S	WPKT	Pocket Wetland	W-4										
Infiltration (I)														
I-1	S	ITRN	Infiltration Trench	I-1										
I-2	S	IBAS	Infiltration Basin	I-2										
Filtering Systems (F)														
F-1	S	FSND	Sand Filter	F-1										
F-2	S	FUND	Underground Filter	F-2										
F-3	S	PPER	Perimeter (Sand) Filter	F-3										
F-4	S	FORG	Organic Filter (Peat Filter)	F-4										
F-6	S	FBIO	Bioretention	F-6										
Open Channels (O)														
O-1	S	ODSW	Dry Swale	O-1										
O-2	S	OWSW	Wet Swale	O-2										
Other Practices (X)														
DP-1	S	XDPD	Detention Structure (Dry Pond)											
EDP-1	S	XDED	Extended Detention Structure, Dry											
FMA-1	S	XFLD	Flood Management Area											
OGS-1	S	COGS	Oil Grit Separator											
O-1	S	XOTH	Other											

LANDSCAPING SCHEDULE FORMAT

MBR-1 PLANTING SCHEDULE		
QUANTITY	SCIENTIFIC NAME	COMMON NAME
HERBACEOUS PERENNIAL, 1 QUART		
14	IRIS VERSICOLOR	IRIS, BLUE WATER
14	EUPATORIUM PERPUREA	JOE PYE WEED
14	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED
15	RUDBECKIA IACINIATA	TALL CONEFLOWER
SHRUBS		
3	VIBURNUM DENTATUM	ARROWWOOD
3	HAMEMELIS VIRGINIANA	WITCH HAZEL
3	AESCULUS PARVIFLORA	BOTTLEBRUSH BUCKEYE
TREES		
3	CHIONANTHUS VIGINICUS	FRINGE-TREE